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CROSS POLLINATION

OF PLUS TREES

FOR

UMPQUA CO-OP

BUREAU OF LAND MANAGEMENT

ROSEBURG, DISTRICT

ROSEBURG, OREGON

POLLINATION BY:

REESE BROTHERS
P.O. BOX 630
KELSO, WA 98626

MARCH-MAY

QK
926
.U47
1976

#922591399 ID38070511

PROPERTY OF:
BUREAU OF LAND MANAGEMENT
777 NW GARDEN VALLEY BLVD.
ROSEBURG, OREGON 97470

QK
926
.U47
1976

UMPQUA CO-OP

SUMMARY OF

CROSS POLLINATION PROJECT

1976

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UMPQUA CO-OP

SUMMARY OF UMPQUA CO-OP

COMPANY	NO. TREES	NAT. TREES	% OF TREES IN PROGRAM	TOTAL NO. CROSSES
INTERNATIONAL PAPER	538	388	72%	323
BIM	687	429	62%	361
STATE	272	230	84%	149

UMPQUA CO-OP

ALL BLM DISTRICTS COMBINED

AREA	TOTAL NO. TREES	NET TREES	% OF TREES IN PROGRAM	TOTAL NO. CROSSES
WELLS CREEK	144	118	82%	106
ELKTON	197	169	86%	146
NOTI	161	75	47%	56
SWISSHOME	185	67	36%	53
TOTALS:	687	429	62%	361

UMPQUA CO-OP BIN

SUMMARY OF CROSSES

AREA	NO. TREES	NO. CUT	NET TREES	TOTAL ♀	% OF TREES IN PROGRAM	NO. ♀ MULT. USED	TOTAL NO. CROSSES
				COOS BAY			
WELLS CREEK	102	17	85	57	83%	19	85
ELKTON	83	7	76	31	92%	13	51
				ROSEBURG			
WELLS CREEK	42	9	33	16	79%	5	21
ELKTON	114	21	93	54	82%	27	95
				EUGENE			
NOTT	96	47	49	30	51%	2	32
SWISSHOME	167	107	60	46	36%	3	49
				LORANE			
NOTT	65	39	26	19	40%	5	24
SWISSHOME	18	11	7	4	39%	0	4

SUMMARY OF CROSSES

BY CO-OPERATORS

AND UNITS

UMPQUA CO-OP

SUMMARY OF ALL UNITS

INCLUDES ALL CO-OPERATORS

NCTI

COMPANY	TOTAL NO. TREES	NET TREES	% OF TREES IN PROGRAM	TOTAL CROSSES
INTERNATIONAL PAPER	139	98	71%	85
B.L.M. ALL DISTRICTS	161	75	47%	56
STATE OF OREGON	0	0	0	0
TOTALS:	300	173	57%	141

UMPQUA CO-OP

SUMMARY OF ALL UNITS

INCLUDES ALL CO-OPERATORS

WELLS CREEK

COMPANY	TOTAL NO. TREES	NET TREES	% OF TREES IN PROGRAM	TOTAL NO. CROSSES
INTERNATIONAL PAPER	89	72	81%	56
B.L.M. ALL DISTRICTS	144	118	82%	106
STATE OF OREGON	0	0	0	0
TOTALS:	233	190	81%	162

UMPQUA CO-OP

SUMMARY OF ALL UNITS

INCLUDES ALL CO-OPERATORS

SWISSHOME

COMPANY	TOTAL NO. TREES	NET TREES	% OF TREES IN PROGRAM	TOTAL CROSSES
INTERNATIONAL PAPER	69	52	75%	38
B.L.M ALL DISTRICTS	185	67	36	53
STATE OF OREGON	0	0	0	0
TOTALS:	254	119	46%	91

UMPQUA CO-OP

SUMMARY OF ALL UNITS

INCLUDES ALL CO-OPERATORS

COAST

COMPANY	TOTAL NO. TREES	NET TREES	% OF TREES IN PROGRAM	TOTAL CROSSES
INTERNATIONAL PAPER	156	102	65%	87
B.L.M. ALL DISTRICTS	0	0	0	0
STATE OF OREGON	272	230	84%	149
TOTALS:	428	332	77%	236

UMPQUA CO-OP

SUMMARY OF ALL UNITS

INCLUDES ALL CO-OPERATORS

ELKTON

COMPANY	TOTAL NO. TREES	NET TREES	% OF TREES IN PROGRAM	TOTAL NO. CROSSES
INTERNATIONAL PAPER	85	64	75%	57
B.L.M. ALL DISTRICTS	197	169	86%	146
STATE OF OREGON	0	0	0	0
TOTALS:	282	233	82%	203

UMPQUA CO-OP

RECORD OF INDIVIDUAL

TREES BY

CO-OPERATOR & AREA

UMPQUA CO-OP ELKTON UNIT B.L.M. ROSEBURG COMPANY

TREE NO.	USED AS ♀	USED AS ♂	MALE CROSS	DATE OF Pollenation	APPROX. NO. FL.	ORIGIN OF MALE	TREE MARKING	FLOWER COLOR	REMARKS	MISSING BAGS
1084	*	1								
1085	*	1								
1086	*	1								
1087	*	2								
1088	*	1								
1089	*	*								
1090	*	1								
1091	*	1								
1093	*	1								
1094	*	*								

Area: BATTLE RIDGE
Page No.:

UMPQUA CO-OP ~~ELKTON~~ UNIT ~~B.L.M. ROSEBURG~~ COMPANY

TREE NO.	USED AS ♀	USED AS ♂	MALE CROSS	DATE OF Pollenation	APPROX. NO. FL.	ORIGIN OF MALE	TREE MARKING	FLOWER COLOR	REMARKS	MISSING BAGS
1120	*	1								
1121	*	1								
1122	4		951	5-9					1-4 J-8-7	
			1021	5-9					5,8,9	
			956	5-9					5A, 7, 10	
			1019	5-9					1A, 2A, 3A, 4A,	
1123	3		953	5-9					5-8	
			1120	5-9					1,3,4,9	
			1135	5-9					2,10	
1124	*	1								
1125	*	*								
1126	*	*								
1127	2		1139	5-9					1-4	
			1131	5-9					5-10	
1128	*	1								
1129	*	1								
1130	1		1145	5-9					1-4 J-8-7	
1131	*	1								
1132	*	*								
1133	2		1148	5-9					1-5 G-4-4	
			1121	5-9					6-10	

Area: YELLOW BUTTE
Page No.:

UMPQUA CO-OP ELKTON UNIT B.L.M. ROSEBURG COMPANY

TREE NO.	USED AS ♀	USED AS ♂	MALE CROSS	DATE OF Pollenation	APPROX. NO. FL.	ORIGIN OF MALE	TREE MARKING	FLOWER COLOR	REMARKS	MISSING BAGS
1134	1		952	5-9					G-4-4	
1135	3	1	1022 1124 1018	5-9 5-9 5-9					1,7,10 2,5,9 6,8	
1136	*	*								
1137	1		954	5-9					1-5 G-4-4 8 BAGS	
1138	1		955	5-9					G-4-4	
1139	*	1								
1140	1		956	5-9					3 BAGS	
1141	1		957	5-9					7 BAGS	
1142	3		958 1020 1128	5-9 5-9 5-9					2-6 1,7, 10 8,9	
1143	2		1129 1147	5-9 5-9					2,3,4,6,9,10 4 BAGS	
1144	*	*								
1145	*	1								
1146	*	*								
1147	*	1								
1148	*	1								

Area: YELLOW BUTTE
Page No.:

UMPQUA CO-OP ELKTON UNIT B.L.M. ROSEBURG COMPANY

TREE NO.	USED AS ♀	USED AS ♂	MALE CROSS	DATE OF Pollenation	APPROX. NO. FL.	ORIGIN OF MALE	TREE MARKING	FLOWER COLOR	REMARKS	MISSING BAGS
1149	*	*								
1150	*	*								

Area: YELLOW BUTTE
Page No.:

UMPQUA CO-OP ELTON UNIT B.L.M. ROSEBURG COMPANY

TREE NO.	USED AS ♀	USED AS ♂	MALE CROSS	DATE OF Pollenation	APPROX. NO. FL.	ORIGIN OF MALE	TREE MARKING	FLOWER COLOR	REMARKS	MISSING BAGS
1151	*	*		5-7						
1152	*	1		5-7						
1153	*	2		5-7						
1154	2		1152	5-7					1,3,4,5,9,10	2
			1153	5-7					6,7,8 J-7-21	
1155	1		1153	5-7					8 BAGS J-7-21	
1191	3	1	1008	4-26					1-4	
			1194	4-26					5-7	
			1196	4-26					8-10	
1192	2	1	1009	4-25					1-4	
			1197	4-25					5-10 B-2-24	
1193	2		1010	4-26					5,9	
			1009	4-26					1,4,6,7,8,10	
1194	1	2	1011	4-27						
1195	3		1012	4-27					1-5	
			1198	4-27					6,7	
			1194	4-27					8,9,10	
1196	2	1	1013	4-26					1-6	
			1098	4-26					7-10	
1197	3	1	1014	4-27					1,2,3	
			1191	4-27					4,5,6,8,9	
			1169	4-27					7,10	

Area: SKELLY
Page No.:

UMPQUA CO-OP ELKTON UNIT B.L.M. ROSEBURG COMPANY

TREE NO.	USED AS ♀	USED AS ♂	MALE CROSS	DATE OF Pollenation	APPROX. NO. FL.	ORIGIN OF MALE	TREE MARKING	FLOWER COLOR	REMARKS	MISSING BAGS
1198	2	1	1015 1192	4-27 4-27					1-4, 9,10 5,6,7,8	

Area: SKELLY
Page No.:

UMPQUA CO-OP | ELKTON UNIT | B.L.M. ROSEBURG COMPANY

TREE NO.	USED AS ♀	USED AS ♂	MALE CROSS	DATE OF Pollenation	APPROX. NO. FL.	ORIGIN OF MALE	TREE MARKING	FLOWER COLOR	REMARKS	MISSING BAGS
1156	*	1								
1157	1		1085	5-7						
1158	1		1088	5-7						
1159	*	1								
1160	2		1093	5-7					1-4	
			1090	5-7					5-10	
1161	*	*								
1162	2		1084	5-7					1-5	
			1164	5-7					6-10	
1163	*	1								
1164	*	1								
1165	*	1								
1166	1		1086	5-7						
1167	1		1087	5-7						
1168	*	*								2,4,5
1169	*	2								
1170	*	1								
1171	*	1								

Area: BELL MTN.
Page No.:

UMPQUA CO-OP ELKTON UNIT B.L.M. ROSEBURG COMPANY

TREE NO.	USED AS ♀	USED AS ♂	MALE CROSS	DATE OF Pollenation	APPROX. NO. FL.	ORIGIN OF MALE	TREE MARKING	FLOWER COLOR	REMARKS	MISSING BAGS
1172	2		1091	5-7					1-6	
			1087	5-7					7-10	
1173	*	*								

Area: BELL MTN.
Page No.:

UMPQUA CO-OP ELKTON UNIT B.L.M. ROSEBURG COMPANY

TREE NO.	USED AS ♀	USED AS ♂	MALE CROSS	DATE OF Pollenation	APPROX. NO. FL.	ORIGIN OF MALE	TREE MARKING	FLOWER COLOR	REMARKS	MISSING BAGS
1110	*	*								
1111	3		1119	5-7					1-4	
			1115	5-7					5-8	
			1117	5-7					9,10	
1112	1		1115	5-7					9 BAGS	
1113	2		1116	5-7					1-5	
			1114	5-7					6-10	
1114	3	1	1117	5-7					1-3	
			1019	5-7					4-6	
			1020	5-7					7-10	
1115	*	2								
1116	*	1								
1117	*	3								
1118	1		1117	5-7					1.2.3	
1119	*	1								

Area: PEARL CREEK
Page No.:

UMPQUA CO-OP ELKTON UNIT B.L.M. ROSEBURG COMPANY

TREE NO.	USED AS ♀	USED AS ♂	MALE CROSS	DATE OF Pollenation	APPROX. NO. FL.	ORIGIN OF MALE	TREE MARKING	FLOWER COLOR	REMARKS	MISSING BAGS
1069	1		1077	5-1					8 BAGS	
1070	1		1078	5-1					6 BAGS	
1071	*	*								
1072	*	*								
1073	1		1079	5-1					9 BAGS	
1074	1		1080	5-1					5 BAGS	
1075	*	*								
1076	1		1077	5-1					5 BAGS	
1077	*	2								
1078	*	1								
1079	*	1								
1080	*	1								
1081	*	*								
1082	*	*								
1083	*	*								

Area: HUBBARD CREEK
Page No.:

UMPQUA CO-OP | ELKTON UNIT | B.L.M ROSEBURG COMPANY

TREE NO.	USED AS ♀	USED AS ♂	MALE CROSS	DATE OF Pollenation	APPROX. NO. FL.	ORIGIN OF MALE	TREE MARKING	FLOWER COLOR	REMARKS	MISSING BAGS
1174	2	1	1156	4-25					1,2,3	
			1190	4-25					4-10 B-2-25	
1175	2	1	1159	4-25					1-6	
			1186	4-25					7-10 B-2-25	
1176	2	1	1163	4-25					1-5	
			1187	4-25					6-10 B-2-26	
1177	1		1165	4-25						3,5
1178	1	1	1169	4-25						
1179	*	1								
1180	1	1	1170	4-25						
1181	*	1								
1182	3	1	1171	4-25					1-4	
			1184	4-25					5,6,7, B-2-25	
			1189	4-25					8,9,10	
1183	*	1								
1184	1	1	1179	4-26						
1185	1		1181							8
1186	3	1	1183	4-26					6,7,8,9	
			1178	4-26					1,2,3	
			1180	4-26					4,5,10	
1187	1	1	978	4-26						

Area: SADDLE BUTTE
Page No.:

UMPQUA CO-OP ELKTON UNIT B.L.M. ROSEBURG COMPANY

TREE NO.	USED AS ♀	USED AS ♂	MALE CROSS	DATE OF Pollenation	APPROX. NO. FL.	ORIGIN OF MALE	TREE MARKING	FLOWER COLOR	REMARKS	MISSING BAGS
1188	1		979	4-26						
1189	4	1	980	4-26					BAG 2 LOWER 1,3,4, UPPER	
			1175	4-26					5-7 UPPER	
			1176	4-26					BAG 1 LOWER 8-10 UPPER	
			1182	4-26					BAG 2 UPPER 3-5 LOWER	
1190	1	1	1174	4-26					5 BAGS	

Area: SADDLE BUTTE
Page No.:

UMPQUA CO-OP WELLS CREEK UNIT B.L.M. ROSEBURG COMPANY

TREE NO.	USED AS ♀	USED AS ♂	MALE CROSS	DATE OF Pollenation	APPROX. NO. FL.	ORIGIN OF MALE	TREE MARKING	FLOWER COLOR	REMARKS	MISSING BAGS
825	1		836	4-21					10 BAGS	
826	*	1-1								
827	*	*								
828	1		1096	4-21					8 BAGS	
829	*	*								
830	*	*								
831	*	1								
832	*	*								
833	*	*								
834	*	1								
835	1		826	4-25					9 BAGS	
836	*	1-1								

Area: MINER CREEK
Page No.:

UMPQUA CO-OP WELLS CREEK UNIT B.L.M. ROSEBURG COMPANY

TREE NO.	USED AS ♀	USED AS ♂	MALE CROSS	DATE OF Pollenation	APPROX. NO. FL.	ORIGIN OF MALE	TREE MARKING	FLOWER COLOR	REMARKS	MISSING BAGS
837	*	*		4-26					J-7-7 SQUIRRELS NO CONES	
838	*	0-1		4-26 4-26					3,4,9,10 J-7-7 SQUIRRELS NO CONES 1,2,5,8 SQUIRRELS NO CONES	
839	*	*		4-26 4-26					2-5, 7,9 J-7-7 SQUIRRELS NO CONES 1,6,8,10 SQUIRRELS NO CONES	
0	*	*								
841	*	1								
850	2	0-1	834 817	4-26 4-26					2,3,4,6,7,8,9,10 J-7-7 1,5	
1095	*	1								
1096	*	2								
1097	*	2								
1098	*	1								
1099	1		1097	4-26					1-5 7-9	

Area: BASIN CREEK
Page No.:

UMPQUA CO-OP WELLS CREEK UNIT B.L.M. ROSEBURG COMPANY

TREE NO.	USED AS ♀	USED AS ♂	MALE CROSS	DATE OF Pollenation	APPROX. NO. FL.	ORIGIN OF MALE	TREE MARKING	FLOWER COLOR	REMARKS	MISSING BAGS
816	*	1								
817	*	2-1								
818	2	0-1	821 831	4-26 4-26					J-7-6 6 BAGS 3 BAGS	8
819	1	0-1	824	4-26					J-7-6 1- BAGS	
820	*	*								
821	*	1-1								
822	1		817	4-25					J-5-19 5 BAGS 6 CONES	
823	1	0-1	816	4-25					10 BAGS 19 CONES	
824	*	1								
1100	1	1	1107	4-25					9 BAGS	
1101	*	1								
1102	1	1	1095	5-7					J-7-21 10 BAGS	
1103	1	1	1096	4-25					10 BAGS	
1104	2	1	1097 1100	4-25 4-25					1,3,5,6,7 8,9,10	2
1105	*	1								
1106	2		1103 1104	4-25 4-25					1,2,3,5,6,7 J-5-18 4,8,9,10	

Area: WOLF CREEK
Page No.:

UMPQUA CO-OP WELLS CREEK UNIT B.L.M. ROSEBURG COMPANY

TREE NO.	USED AS ♀	USED AS ♂	MALE CROSS	DATE OF Pollenation	APPROX. NO. FL.	ORIGIN OF MALE	TREE MARKING	FLOWER COLOR	REMARKS	MISSING BAGS
1107	*	1								
1108	2		1105	4-25					6-10 J-5-18	
			1102	4-25					1-5	
1109	1		1101	4-25					10 BAGS	

Area: WOLF CREEK
Page No.:

PROPERTY OF:
BUREAU OF LAND MANAGEMENT
777 NW GARDEN VALLEY BLVD.
ROSEBURG, OREGON 97470